

SEQUENCE LISTING

<110> Kabbani, Elazar
 Stavrianopoulos, Daniel G.
 Doregan, James G.
 Liu, Dakai
 Kelker, Norman E.
 Engelhardt, Dean L.

<120> NOVEL PROPERTY EFFECTING AND/OR PROPERTY EXHIBITING
 COMPOSITIONS FOR THERAPEUTIC AND DIAGNOSTIC USE

<130> ENZ-53D4.032499

<140> 08/978,635

<141> 1997-11-25

<160> 51

<170> PatentIn Ver. 2.0

<210> 1

<211> 20

<212> PRT

<213> Influenza virus

<220>

<223> Description of Artificial Sequence:peptide

<400> 1

Gly Phe Phe Gly Ala Ile Ala Gly Phe Leu Glu Gly Gly Trp Glu Gly
 1 5 10 15

Met Ile Ala Gly
 20

<210> 2

<211> 20

<212> DNA

<213> Bacteriophage T7

<220>

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<400> 2

tggtctctaa gggctctactc

<210> 3
<211> 11
<212> DNA
<213> Simian virus 40

<220>
<223> Description of Artificial Sequence:peptide

<400> 3
ctctaaggta aatat 15

<210> 4
<211> 16
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<220>
<223> Description of Artificial Sequence:peptide

<400> 4
tctatttiag attcaa 16

<210> 5
<211> 19
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<400> 5
tgcctctcaa ggtaaatat 19

<210> 6
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<220>
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<210> 7
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<225>

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19

<210> 8

<211> 19

<212> PNA

<213> Bacteriophage T7

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aaatuuag ggucuauc

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<210> 9

<211> 20

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<213> Bacteriophage T7

<220>

<223> Description of Artificial Sequence:peptide

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<210> 10

<211> 49

<212> DNA

<213> Bacteriophage T7

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<210> 11

<211> 55

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<213> Bacteriophage T7

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[illegible]

· 211 · 46

4213 - Bacteriophage T7

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ggaatttcgtc tcggagaaaag gtaaaattct ctgacatcga actggc 46

<4.22> 33

412) Bacteriophage T7

< 23 > Description of Artificial Sequence:peptide

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6.13> Bacteriophage T7

<23> Description of Artificial Sequence:peptide

g jaattcggt ctcggtgcta ctcggtggcg agg 33

< 211 > 27

< 213 > Bacteriophage T7

423: description of Antigen: sequence:peptide

gactagtcgt tacgcgaacg caaagac 27

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<210> 16

<211> DNA

<213> Bacteriophage T7

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<400> 16

ggaaatcgctc totaaggtaa atactatct ttaag

36

<210> 17

<211> 40

<212> DNA

<213> Bacteriophage T7

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<223> Description of Artificial Sequence:peptide

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gactagtcgt ctctgacctt aaaatacaca aacaattaga

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<210> 18

<211> 92

<212> DNA

<213> Bacteriophage T7

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<223> Description of Artificial Sequence:peptide

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ggaaatcgctc tctagctctg atcaccacca tggacaacgat taacatcgct aagaacgaca 60
tccctccaaa aaagagacga gaccaactag tc 92

<210> 19

<211> 92

<212> DNA

<213> Bacteriophage T7

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gactagtcgg gctcgctctt tttt gtag aggggcttc ttacggatgt taatcgctgc 60
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<210> 20

<211> 73

<212> DNA

<213> Artificial Sequence

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<21> Description of Artificial Sequence:peptide

<406> 20

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<210> 21

<211> 77

<212> DNA

<213> Bacteriophage T7

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<223> Description of Artificial Sequence:peptide

<406> 21

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agtttcgaagac gaatttc

<210> 22

<211> 50

<212> DNA

<213> Bacteriophage T7

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<406> 22

atgacacga ttaacatcgc taagaacgac ttctctgaca tcgaactggc 50

<210> 23

<211> 77

<212> DNA

<213> Human immunodeficiency virus

<220>

<223> Description of Artificial Sequence:peptide

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<210> 24

<211> 69

<212> DNA

<213> Human immunodeficiency virus

<220>

<223> Description of Artificial Sequence:peptide

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tgggtcgaag 69

<210> 25

<211> 69

<212> DNA

<213> Human immunodeficiency virus

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<223> Description of Artificial Sequence:peptide

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tgggtctaat 69

<210> 26

<211> 61

<212> DNA

<213> Human immunodeficiency virus

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<223> Description of Artificial Sequence:peptide

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<210> 27

<211> 61

<212> DNA

<213> Human immunodeficiency virus

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<223> Description of Artificial Sequence:peptide

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t 61

<210> 28

<211> 62

<212> DNA

<213> Human immunodeficiency virus

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<223> Description of Artificial Sequence:peptide

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<210> 29

<211> 62

<212> DNA

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at: 62

<210> 30

<211> 30

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:oligo

<400> 30

attctagagc taacaaaagcc cgaaaggaag 30

<210> 31

<211> 28

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:oligo

<400> 31

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<210> 32

<211> 76

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:oligo

<400> 32

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atgcagatct

<210> 33

<211> 76

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:oligo

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aagccatggc 70

<210> 34

<211> 29

<212> DNA

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<400> 34

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<210> 35

<211> 29

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:oligo

<400> 35

ttaaatttaag ctgagtgata tgcctctag 29

<210> 36

<211> 32

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:oligo

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atctgggtcta at 72

<210> 37

<211> 72

<212> DNA

<213> Artificial Sequence

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<400> 37

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agctcaatc cg 72

<210> 38

<211> 66

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:oligo

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taaggt 66

<210> 39

<211> 66

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:oligo

<400> 39

ccggacccta ggcctctcta tggcaqqaag aagcggagac agcgacgaag acctctcaa 60
ggtacg 66

<210> 40

<211> 65

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:oligo

<400> 40

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actat 65

<210> 41

<211> 67

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:lip

<400> 41

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atcgg 65

<210> 42

<211> 67

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:lip

<400> 42

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gtattat 67

<210> 43

<211> 67

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:peptide

<400> 43

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gcatgct 67

<210> 44

<211> 67

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:peptide

<400> 44

ggatctctct tct 67

<210> 45
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:OLIGO

<400> 45
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<210> 46
<211> 17
<212> DNA
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<220>
<223> Description of Artificial Sequence:OLIGO

<400> 46
cattaagcag agcctct 17

<210> 47
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<400> 47
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<210> 48
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ctcctccaaa aaagagaaaag ttaaaatttt ttgacatcga actggc 106

<210> 49
<211> 106
<212> DNA

<210> Artificial Sequence

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<221> Description of Artificial Sequence:DNA

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<210> 50

<211> 50

<212> DNA

<213> Bacteriophage T7

<400> 50

gccagttcga tgcagagaa gtggttatta gggatgttaa tegtgtccat 50

<210> 51

<211> 77

<212> DNA

<213> Bacteriophage T7

<400> 51

gccagttcga tgcagagaa ttttaacatt ctatttttg gaggagtgtc gttcttagcg 60
atgttaatcg tgtccat 77